

Device Comparison Using Aipex

Platform: AIPEX Console | **Target Audience:** Technical Administrators / Systems Engineers

1. Purpose & Scope

This document outlines the workflow for performing side-by-side device comparisons within the AIPEX platform.

Executing this procedure enables technical administrators to evaluate comparative performance telemetry, network latency and geolocations, installed patch baselines, running processes, active services, and automation configurations across two endpoints simultaneously in real time.

2. Administrative Considerations

IMPORTANT WARNING:

- **Selection Limit:** Exactly two managed devices must be selected to initialize the dual-pane **Compare** view.
- **Telemetry Synchronization:** Toggling the **Sync tabs** control automatically mirrors navigation across both endpoint panels. Disabling it allows independent, asymmetric tab exploration per device.
- **Data Granularity:** Device telemetry snapshots, live process lists, and time-series performance graphs depend on active endpoint connectivity and reporting agent health.

3. Step-by-Step Device Comparison Procedure

1. Access Devices Inventory

From the primary navigation sidebar on the left side of the AIPEX console, click **Devices** to navigate to the comprehensive inventory table of managed systems.

2. Select Target Endpoints for Comparison

Locate the target machines within the **Devices** inventory table and select the checkboxes next to exactly two devices (e.g., **T1GEN8-LAPTOP** and **P16-PRO3000**).

3. Launch Comparative Analysis View

With two endpoints selected, navigate to the upper-right corner of the table header and click the **Compare** button to open the side-by-side **Device Comparison** workspace.



4. Configure Tab Synchronization Mode

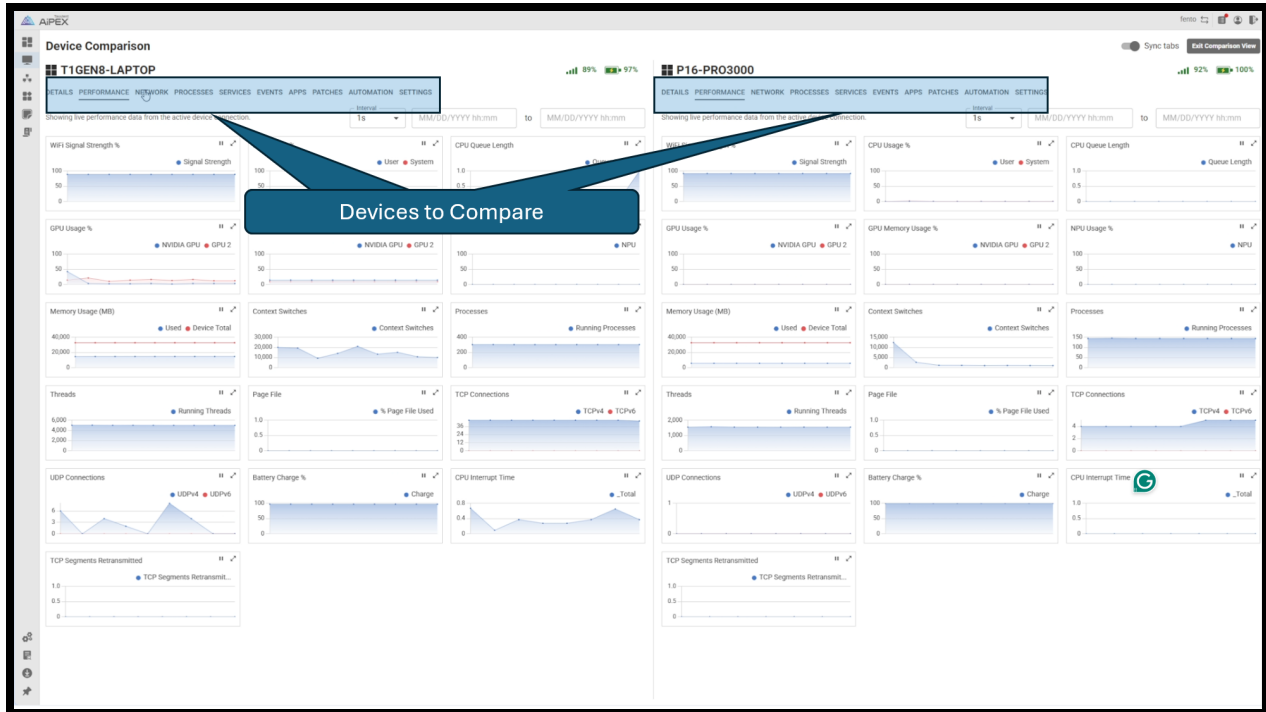
Review the comparative split-screen interface. In the top-right header, verify or toggle the **Sync tabs** checkbox:

- **Sync tabs Enabled (Checked):** Selecting any tab on one device pane automatically synchronizes and updates the adjacent device panel to the identical view.
- **Sync tabs Disabled (Unchecked):** Allows independent navigation within each device pane (e.g., viewing **NETWORK** on the left panel while displaying **PERFORMANCE** or **AUTOMATION** on the right panel).

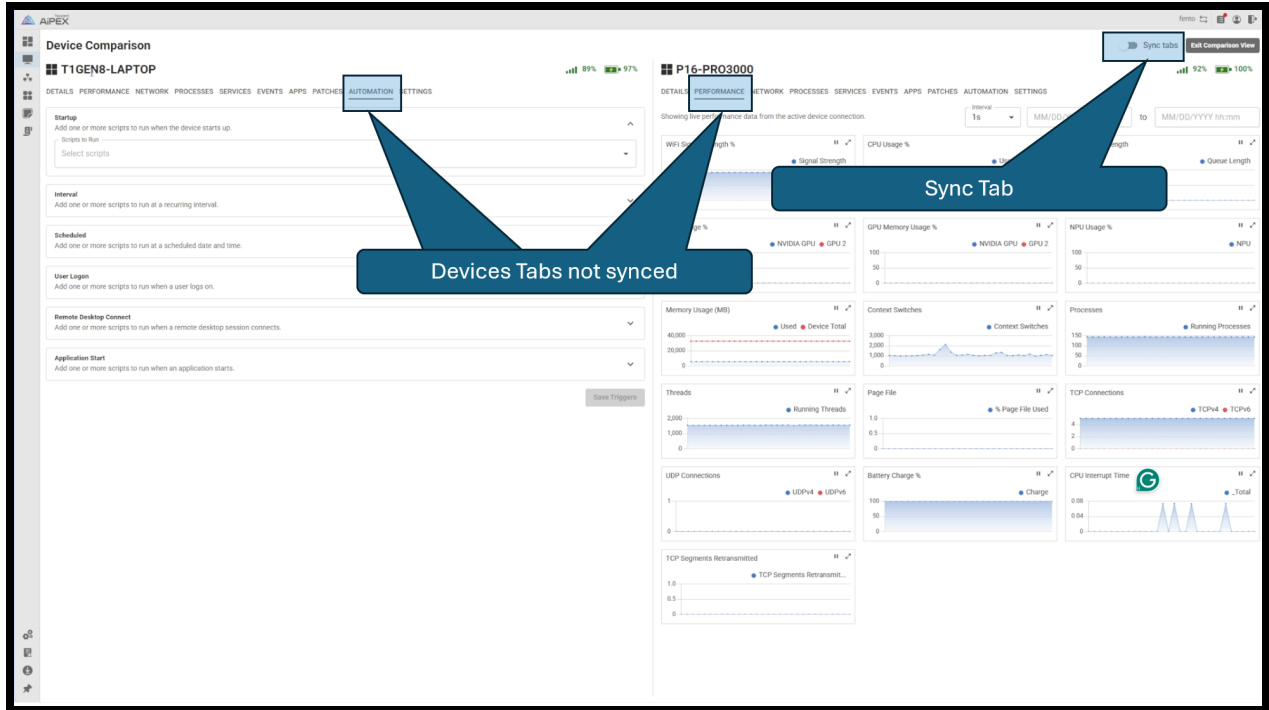
Analyze Comparative Telemetry & System Modules

Navigate through the individual diagnostic categories to evaluate comparative metrics across both endpoints:

1. Click the device tabs to compare the two devices
 1. **DETAILS:** Examine 24-hour averages for Critical Error Events, CPU Usage, Memory Usage, Wi-Fi Signal Strength, Running Processes, and Network Connections.

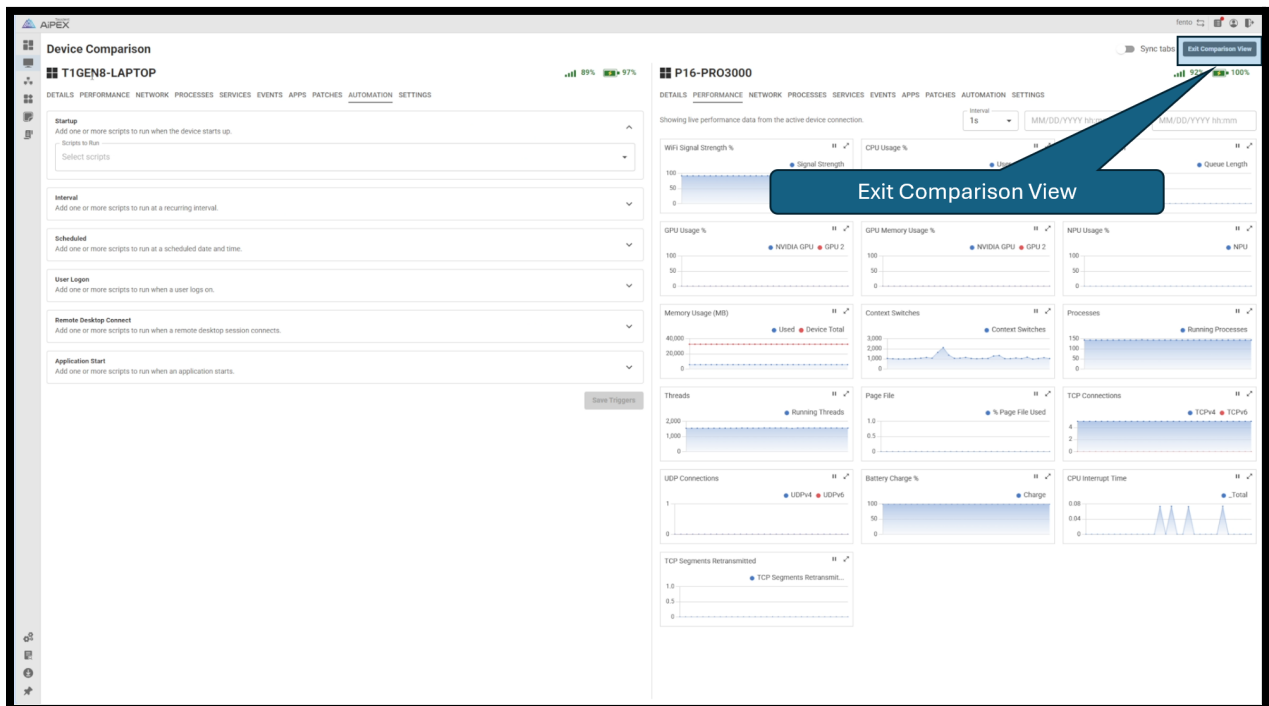


- **PERFORMANCE:** Evaluate granular, time-series telemetry charts including CPU Usage %, GPU Usage %, Memory Usage (MB), Context Switches, Processes, Threads, TCP Connections, UDP Connections, and Battery Charge %.
 - **NETWORK:** Analyze active endpoint connection maps, geographic IP routes, and UDP/TCP traffic patterns.
 - **PATCHES:** Review installed operating system updates, .NET Framework security patches, severity baselines, and missing hotfixes.
 - **PROCESSES & SERVICES:** Compare top running processes by CPU/Memory allocation and verify background system service startup states.
 - **AUTOMATION & SETTINGS:** Inspect active script triggers (Interval, Scheduled, Startup, Remote Desktop, Application Start) and device configuration profiles.
2. **Unsync** tab view: View different tabs on the two devices.



Exit Comparison Workspace

1. Once analysis is complete, click the **Exit Comparison View** button located in the upper-right header to exit the split-screen view and return to the primary **Devices** inventory list.



4. Summary of Navigation Path

The following reference matrix provides an authoritative, at-a-glance operational index of interface pathways, UI targets, and administrator execution steps:

Step / Phase	Interface Location	Action Required
1. Inventory Access	Left Sidebar > Devices	Click Devices to open the managed asset inventory.
2. Endpoint Selection	Main Panel > Devices Table	Select the checkboxes for exactly two target devices.
3. Launch Comparison	Table Header (Top Right) > Compare	Click Compare to launch the side-by-side Device Comparison view.
4. Navigation Control	Header (Top Right) > Sync tabs	Check/uncheck Sync tabs to toggle synchronized or independent pane browsing.
5. Telemetry Inspection	Navigation Bar > DETAILS / PERFORMANCE / NETWORK / PATCHES	Switch between diagnostic tabs to evaluate comparative telemetry, graphs, maps, and patches.
6. Exit Workspace	Comparison Header (Top Right) > Exit Comparison View	Click Exit Comparison View to return to the standard Devices inventory.